

**Table 1. Working Storage Capacity by PAD District as of March 31, 2011**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	Ending Stocks	Utilization Rate <sup>1</sup>
	1	2	3	4	5			
Refineries								
Crude Oil	18,792	18,875	69,828	3,880	36,912	148,287	93,978	63%
Fuel Ethanol	245	98	188	93	55	679	504	74%
Natural Gas Plant Liquids and Liquefied Refinery Gases <sup>2</sup>	2,856	9,931	24,578	636	2,128	40,129	13,683	34%
Propane/Propylene (dedicated) <sup>3</sup>	633	3,668	3,898	162	203	8,564	2,701	NA
Motor Gasoline (incl. Motor Gasoline Blending Components)	15,887	28,269	56,382	6,673	27,571	134,782	70,635	52%
Distillate Fuel Oil	11,043	15,062	26,597	3,753	10,312	66,767	33,313	50%
Kerosene and Kerosene-type Jet Fuel	1,971	3,958	9,485	598	6,614	22,626	11,956	53%
Residual Fuel Oil	2,268	3,938	9,606	626	6,146	22,584	9,488	42%
Asphalt and Road Oil	2,227	9,126	4,803	2,099	3,009	21,264	10,810	51%
All Other <sup>4</sup>	17,724	28,084	91,106	6,305	38,643	181,862	94,234	52%
Total <sup>5</sup>	73,013	117,341	292,573	24,663	131,390	638,980	338,601	53%
Bulk Terminals (Including Fuel Ethanol Plants) <sup>6</sup>								
Fuel Ethanol	14,336	13,923	5,572	341	4,046	38,218	21,088	55%
Natural Gas Plant Liquids and Liquefied Refinery Gases <sup>2</sup>	8,658	57,056	283,052	38	8,188	356,992	44,910	13%
Propane/Propylene (dedicated) <sup>3</sup>	6,635	24,638	81,964	32	2,202	115,471	13,299	NA
Motor Gasoline (incl. Motor Gasoline Blending Components)	70,597	51,237	50,440	3,872	25,078	201,224	96,258	48%
Distillate Fuel Oil	83,423	34,882	37,548	2,416	13,306	171,575	82,533	48%
Kerosene and Kerosene-type Jet Fuel	12,025	6,752	7,119	473	8,024	34,393	16,410	48%
Residual Fuel Oil	26,137	1,242	32,810	-	4,096	64,285	28,252	44%
Asphalt and Road Oil	10,424	13,957	3,891	1,866	3,109	33,247	15,681	47%
All Other <sup>7</sup>	10,055	3,819	14,116	47	1,629	29,666	9,061	31%
Total	235,655	182,868	434,548	9,053	67,476	929,600	314,193	34%
Product Pipelines								
Fuel Ethanol	-	-	-	-	-	-	-	-
Natural Gas Plant Liquids and Liquefied Refinery Gases <sup>2</sup>	80	4,713	1,843	-	-	6,636	3,362	51%
Propane/Propylene (dedicated) <sup>3</sup>	-	2,159	-	-	-	2,159	123	NA
Motor Gasoline (incl. Motor Gasoline Blending Components)	16,655	11,595	17,114	471	2,752	48,587	12,363	25%
Distillate Fuel Oil	11,589	8,553	12,780	413	1,056	34,391	11,314	33%
Kerosene and Kerosene-type Jet Fuel	5,878	3,410	6,017	12	1,305	16,622	4,653	28%
All Other <sup>8</sup>	355	177	125	19	283	959	183	19%
Total	34,557	28,448	37,879	915	5,396	107,195	31,875	30%
Crude Tank Farms								
Crude Oil (Excluding SPR)	2,793	89,621	176,693	10,626	27,636	307,369	165,393	54%
Cushing, Oklahoma	--	48,001	--	--	--	48,001	41,425	86%
Strategic Petroleum Reserve	-	-	727,000	-	-	727,000	725,614	100%

<sup>1</sup> Utilization rate for refineries, bulk terminals and fuel ethanol plants equals stocks divided by storage capacity.

Utilization rates for product pipelines and crude tank farms equals stocks divided by storage capacity of tanks and underground caverns. It does not include pipeline fill.

<sup>2</sup> Includes storage capacity for ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, isobutylene, and pentanes plus stored separately or in mixes.

<sup>3</sup> Dedicated Propane/Propylene storage capacity includes storage capacity for propane and propylene stored separately. It excludes capacity for storing propane and propylene as a component of mixed natural gas plant liquids and liquefied refinery gases. Ending stocks are provided for comparison, but storage capacity utilization is not calculated because ending stocks include propane and propylene stored in mixes as well as in dedicated storage.

<sup>4</sup> All Other storage capacity at refineries includes oxygenates and renewable fuels (except fuel ethanol), other hydrocarbons, unfinished oils, aviation gasoline, aviation gasoline blending components, special naphthas, lubricants, petrochemical feedstocks, wax, and miscellaneous products.

<sup>5</sup> Excludes petroleum coke.

<sup>6</sup> Includes ending stocks of fuel ethanol at ethanol plants. Excludes ending stocks of pentanes plus, MTBE, ETBE, other oxygenates, finished motor gasoline and motor gasoline blending components at fuel ethanol plants.

<sup>7</sup> All Other storage capacity at terminals includes oxygenates and renewable fuels (except fuel ethanol), unfinished oils, aviation gasoline, aviation gasoline blending components, special naphthas, lubricants, wax, and miscellaneous products.

<sup>8</sup> All Other storage capacity at pipelines includes oxygenates and renewable fuels (except fuel ethanol), aviation gasoline, residual fuel oil and miscellaneous products.

Source: Energy Information Administration, Form EIA-810 "Monthly Refinery Report", Form EIA-812 "Monthly Product Pipeline Report", Form EIA-813 "Monthly Crude Oil Report", Form EIA-815 "Monthly Bulk Terminal and Blender Report", Form EIA-819 "Monthly Oxygenate Report"

**Table 2. Net Available Shell Storage Capacity by PAD District as of March 31, 2011**  
(Thousand Barrels)

Commodity	PAD Districts										U.S. Total	
	1		2		3		4		5			
	In Operation	Idle <sup>1</sup>	In Operation	Idle <sup>1</sup>	In Operation	Idle <sup>1</sup>	In Operation	Idle <sup>1</sup>	In Operation	Idle <sup>1</sup>	In Operation	Idle <sup>1</sup>
<b>Refineries</b>												
Crude Oil	21,438	2,057	22,518	776	82,712	4,284	4,423	476	41,451	1,584	172,542	9,177
Fuel Ethanol	282	-	121	29	201	-	107	2	64	-	775	31
Natural Gas Plant Liquids and Liquefied Refinery Gases <sup>2</sup>	3,198	-	10,687	656	27,452	79	700	49	2,323	5	44,360	789
Propane/Propylene (dedicated) <sup>3</sup>	715	-	3,935	213	4,030	-	177	12	236	-	9,093	225
Motor Gasoline (incl. Motor Gasoline Blending Components)	18,146	1,769	32,638	864	65,321	2,790	7,590	96	31,859	299	155,554	5,818
Distillate Fuel Oil	12,006	938	16,502	428	29,780	1,230	4,036	49	11,362	281	73,686	2,926
Kerosene and Kerosene-type Jet Fuel	2,118	155	4,454	53	10,850	321	663	5	7,578	262	25,663	796
Residual Fuel Oil	2,526	743	4,492	65	11,197	266	667	11	6,901	6	25,783	1,091
Asphalt and Road Oil	2,633	30	10,226	270	5,305	341	2,302	68	3,243	279	23,709	988
All Other <sup>4</sup>	20,056	918	31,601	606	102,350	5,454	7,110	342	43,725	1,010	204,842	8,330
Total <sup>5</sup>	82,403	6,610	133,239	3,747	335,168	14,765	27,598	1,098	148,506	3,726	726,914	29,946
<b>Bulk Terminals (Including Fuel Ethanol Plants)</b>												
Fuel Ethanol	17,088	35	15,947	75	6,183	28	395	8	4,589	33	44,202	179
Natural Gas Plant Liquids and Liquefied Refinery Gases <sup>2</sup>	9,260	5	66,897	2,512	332,494	6,821	47	-	8,728	-	417,426	9,338
Propane/Propylene (dedicated) <sup>3</sup>	7,123	3	28,248	1,630	96,304	-	41	-	2,355	-	134,071	1,633
Motor Gasoline (incl. Motor Gasoline Blending Components)	79,946	1,053	59,641	637	58,372	76	4,346	1	28,656	648	230,961	2,415
Distillate Fuel Oil	92,287	1,384	39,155	355	42,220	159	2,672	12	15,195	59	191,529	1,969
Kerosene and Kerosene-type Jet Fuel	13,854	117	7,427	76	7,770	-	551	-	8,793	13	38,395	206
Residual Fuel Oil	27,900	549	1,341	174	34,168	28	-	-	4,489	119	67,898	870
Asphalt and Road Oil	11,146	151	14,896	891	4,260	53	2,047	-	3,396	4	35,745	1,099
All Other <sup>6</sup>	11,120	227	4,217	273	15,255	440	55	-	1,974	-	32,621	940
Total	262,601	3,521	209,521	4,993	500,722	7,605	10,113	21	75,820	876	1,058,777	17,016
<b>Product Pipelines</b>												
Fuel Ethanol	-	-	-	-	-	-	-	-	-	-	-	-
Natural Gas Plant Liquids and Liquefied Refinery Gases <sup>2</sup>	86	-	5,044	2	1,906	-	-	-	-	-	7,036	2
Propane/Propylene (dedicated) <sup>3</sup>	-	-	2,276	-	-	-	-	-	-	-	2,276	-
Motor Gasoline (incl. Motor Gasoline Blending Components)	18,400	373	12,945	311	18,479	265	515	-	3,251	128	53,590	1,077
Distillate Fuel Oil	12,306	77	9,281	-	13,928	233	457	37	1,253	-	37,225	347
Kerosene and Kerosene-type Jet Fuel	6,248	33	3,800	53	6,338	108	13	-	1,435	-	17,834	194
All Other <sup>7</sup>	374	1	187	1	132	-	20	-	299	-	1,012	2
Total	37,414	484	31,257	367	40,783	606	1,005	37	6,238	128	116,697	1,622
<b>Crude Tank Farms</b>												
Crude Oil (Excluding SPR)	3,366	-	106,973	1,191	197,920	3,338	12,761	144	33,636	330	354,656	5,003
Cushing, Oklahoma	--	--	57,750	-	--	--	--	--	--	--	57,750	-
Strategic Petroleum Reserve	-	-	-	-	727,000	-	-	-	-	-	727,000	-

<sup>1</sup> Idle tanks and caverns are those that were not capable of being used to hold stocks on the report date, but could be placed in operation within 90 days of the report date after maintenance or repair.

<sup>2</sup> Includes storage capacity for ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, isobutylene, and pentanes plus stored separately or in mixes.

<sup>3</sup> Dedicated Propane/Propylene storage capacity includes storage capacity for propane and propylene stored separately. It excludes the propane component of mixed natural gas plant liquids and liquefied refinery gases storage.

<sup>4</sup> All Other storage capacity at refineries includes oxygenates and renewable fuels (except fuel ethanol), other hydrocarbons, unfinished oils, aviation gasoline, aviation gasoline blending components, special naphthas, lubricants, petrochemical feedstocks, wax, and miscellaneous products.

<sup>5</sup> Excludes petroleum coke.

<sup>6</sup> All Other storage capacity at terminals includes oxygenates and renewable fuels (except fuel ethanol), unfinished oils, aviation gasoline, aviation gasoline blending components, special naphthas, lubricants, wax, and miscellaneous products.

<sup>7</sup> All Other storage capacity at pipelines includes oxygenates and renewable fuels (except fuel ethanol), aviation gasoline, residual fuel oil and miscellaneous products.

Source: Energy Information Administration, Form EIA-810 "Monthly Refinery Report", Form EIA-812 "Monthly Product Pipeline Report", Form EIA-813 "Monthly Crude Oil Report", Form EIA-815 "Monthly Bulk Terminal and Blender Report", Form EIA-819 "Monthly Oxygenate Report"

**Table 3. Net Available Shell Storage Capacity of Terminals and Tank Farms as of March 31, 2011<sup>1</sup>**  
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Crude Oil (Excluding SPR)</b>						
Capacity In Operation	3,366	106,973	197,920	12,761	33,636	354,656
Percent Exclusive Use <sup>2</sup>	91%	55%	70%	89%	67%	66%
Percent Leased to Others	9%	45%	30%	11%	33%	34%
<b>Cushing, Oklahoma</b>						
Capacity In Operation	--	57,750	--	--	--	57,750
Percent Exclusive Use <sup>2</sup>	--	42%	--	--	--	42%
Percent Leased to Others	--	58%	--	--	--	58%
<b>Fuel Ethanol</b>						
Capacity In Operation	16,792	6,645	5,874	265	4,418	33,994
Percent Exclusive Use <sup>2</sup>	58%	53%	37%	91%	67%	55%
Percent Leased to Others	42%	47%	63%	9%	33%	45%
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases<sup>3</sup></b>						
Capacity In Operation	9,260	66,897	332,494	47	8,728	417,426
Percent Exclusive Use <sup>2</sup>	64%	22%	15%	100%	58%	18%
Percent Leased to Others	36%	78%	85%	0%	42%	82%
<b>Propane/Propylene (dedicated)<sup>4</sup></b>						
Capacity In Operation	7,123	28,248	96,304	41	2,355	134,071
Percent Exclusive Use <sup>2</sup>	80%	21%	13%	100%	71%	19%
Percent Leased to Others	20%	79%	87%	0%	29%	81%
<b>Motor Gasoline (incl. Motor Gasoline Blending Components)</b>						
Capacity In Operation	79,946	59,641	58,372	4,346	28,656	230,961
Percent Exclusive Use <sup>2</sup>	66%	74%	31%	90%	49%	58%
Percent Leased to Others	34%	26%	69%	10%	51%	42%
<b>Distillate Fuel Oil</b>						
Capacity In Operation	92,287	39,155	42,220	2,672	15,195	191,529
Percent Exclusive Use <sup>2</sup>	60%	65%	31%	89%	50%	54%
Percent Leased to Others	40%	35%	69%	11%	50%	46%
<b>Kerosene and Kerosene-type Jet Fuel</b>						
Capacity In Operation	13,854	7,427	7,770	551	8,793	38,395
Percent Exclusive Use <sup>2</sup>	54%	75%	23%	30%	45%	49%
Percent Leased to Others	46%	25%	77%	70%	55%	51%
<b>Residual Fuel Oil</b>						
Capacity In Operation	27,900	1,341	34,168	-	4,489	67,898
Percent Exclusive Use <sup>2</sup>	44%	47%	6%	-	27%	24%
Percent Leased to Others	56%	53%	94%	-	73%	76%
<b>Asphalt and Road Oil</b>						
Capacity In Operation	11,146	14,896	4,260	2,047	3,396	35,745
Percent Exclusive Use <sup>2</sup>	37%	76%	75%	58%	76%	63%
Percent Leased to Others	63%	24%	25%	42%	24%	37%
<b>All Other<sup>5</sup></b>						
Capacity In Operation	11,120	4,217	15,255	55	1,974	32,621
Percent Exclusive Use <sup>2</sup>	40%	78%	13%	98%	67%	34%
Percent Leased to Others	60%	22%	87%	2%	33%	66%
<b>Total</b>						
Capacity In Operation	265,671	307,192	698,333	22,744	109,285	1,403,225
Percent Exclusive Use <sup>2</sup>	58%	55%	33%	85%	56%	45%
Percent Leased to Others	42%	45%	67%	15%	44%	55%

<sup>1</sup> Includes storage capacity of terminals and tank farms. Excludes storage capacity of refineries, fuel ethanol plants, and pipelines.

<sup>2</sup> Percent exclusive use is that portion of capacity in operation that is for the exclusive use of the operating company.

<sup>3</sup> Includes storage capacity for ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, isobutylene, and pentanes plus stored separately or in mixes.

<sup>4</sup> Dedicated Propane/Propylene storage capacity includes storage capacity for propane and propylene stored separately.

It excludes the propane component of mixed natural gas plant liquids and liquefied refinery gases storage.

<sup>5</sup> All Other storage capacity at terminals includes oxygenates and renewable fuels (except fuel ethanol), unfinished oils, aviation gasoline, aviation gasoline blending components, special naphthas, lubricants, wax, and miscellaneous products.

Source: Energy Information Administration, Form EIA-813 "Monthly Crude Oil Report", Form EIA-815 "Monthly Bulk Terminal and Blender Report"